



The Society of Broadcast Engineers

Fox Valley Wisconsin SBE Chapter 80
PO Box 1519
Appleton, WI 54912-1519

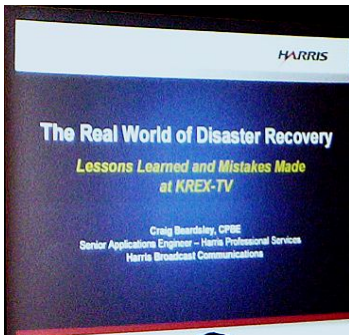
October 2010

The next meeting of SBE Chapter 80 will be on Tuesday evening, October 26, at 7:30 pm at the SBE/WBA Broadcasters Clinic at the Madison Marriott West, in Madison,

Greetings!

Our October meeting of Chapter 80 will be at the SBE/WBA Broadcasters Clinic at the Madison Marriott West, in Madison, on Tuesday evening, October 26, at 7:30 p.m., with the Nuts & Bolts Session, "War Stories and Your Stories." For details and registration: www.wi-broadcasters.org The deadline for early bird registration has already passed. The SBE Annual Membership Meeting will be held on Wednesday, October 27, from 4:00 pm to 5:00 pm. If you can't attend, the meeting will be streamed live at www.sbe.org We hope to see many of you during the Clinic, which runs from Tuesday morning, October 26 through Thursday afternoon, October 28. Check the WBA website for further details.

Our September meeting of Chapter 80 was held on Tuesday, September 21 at the Out O' Town Club in Kaukauna. The program was titled "The Real World of Disaster Recovery", presented by Craig Beardsley from Harris and was based on their experience at a Colorado station that burned down back in January, 2008. You can reach Craig at: craig.beardsley@harris.com For harris: www.harris.com



Harris is also offering a 4-day training session on HD Radio Technology, November 8-11, 2010 in Quincy, IL, for free. A few of our members signed up and will be attending. Thanks to Linda Baun at the WBA for sharing the information. If you are one of those with a confirmed reservation and interested in car pooling to Quincy, please contact Keith Kintner at: kintner@uwosh.edu

One more special thanks to Robert Shevlot of Utah Scientific for sponsoring the pizza at our August "Taste of NAB Road Show" presented by Larry Bloomfield and his crew. For some additional pictures, and a list of the door prize winners, click on this link: http://www.tech-notes.tv/2010/44-Fox_Valley.htm

Upcoming events:

Tuesday, November 16, 2010 – SBE Chapter 80 -- TBA

Tuesday, December 21, 2010 – SBE Chapter 80 Holiday party

I look forward to seeing you Tuesday, October 26 at the Nuts and Bolts session at the annual SBE/WBA Broadcasters Clinic, and/or the National meeting on October 27 in Madison. If you are unable to be there, be sure to log in for the live webcast.


Regards,
Tim Laes



Mark Bartolotta
Regional Sales Manager

Heartland Video Systems, Inc.
1311 Pilgrim Road
Plymouth, WI 53073
Tel: (800) 332-7088
(920) 893-4204
Cell: (920) 912-1054
Fax: (920) 893-3106
EMAIL: mbart@hvs-inc.com
www.hvs-inc.com

Broadcast & Professional Solutions
CONVERSION • ROUTING • DISTRIBUTION • TRANSMISSION



Clearly The Best.

Jim Lienau
Vice President of Corporate
Technical Services
920-617-7101
Cell: 920-639-0000
Fax: 920-617-7329
Pager: 920-613-0151

450 Security Blvd.
P.O. Box 19079
Green Bay, WI 54307-9079
Web: www.cellcom.com
E-mail: jim.lienau@cellcom.com

LeDuc Properties LLC
American Communications Co

(Jack) Jon Anthony LeDuc
Chairman-CEO

133 North Superior Street
DePere, WI 54115 USA

920.632.4364
Cell: 217.7598

Skyking_Concorde@hotmail.com

BROADCAST CLINIC & NATIONAL SBE MEETING This months SBE meeting will be held in conjunction with the Broadcasters Clinic, the Wisconsin Broadcasters Association and the Society of Broadcast Engineers National Meeting. Meetings, seminars, exhibits and social functions are being held at the Marriott - West in Middleton, Wisconsin. The dates of the Broadcasters Clinic are Tuesday, October 26 through Thursday, October 28. You can register for the Clinic by calling 1-800-236-1922 or log on to <http://www.wi-broadcasters.org/wba/index.php/events/broadcastersclinic/>.

Wednesday afternoon:

- 4:00 PM- National SBE Membership Meeting
The SBE membership meeting is open to all SBE members and Guests
- 5:00 PM- National SBE Awards Reception
- 6:00 PM- National SBE Awards Banquet (pre-paid dinner ticket required*)

FCC FREES UP VACANT TV AIRWAVES FOR "SUPER WI-FI" TECHNOLOGIES The Federal Communications Commission took steps to free up vacant airwaves between TV channels -- called "white spaces" -- to unleash a host of new technologies, such as "super Wi-Fi," and myriad other diverse applications. This is the first significant block of spectrum made available for unlicensed use in more than 20 years. TV white space spectrum is considered prime real estate because its signals travel well, making it ideally suited for mobile wireless

devices. Unlocking this valuable spectrum will open the doors for new industries to arise, create American jobs, and fuel new investment and innovation. The National Broadband Plan noted the importance of unlicensed spectrum in creating opportunities for new technologies to blossom and recommended that the Commission complete the TV white spaces proceeding as expeditiously as possible. The Second Memorandum Opinion and Order (Second MO&O) adopted today resolves numerous legal and technical issues. Notably, the Order eliminates the requirement that TV bands devices that incorporate geo-location and database access must also include sensing technology to detect the signals of TV stations and low-power auxiliary service stations (wireless microphones). It also requires wireless microphone users who seek to register in the TV bands databases to certify that they will use all available channels from 7 through 51 prior to requesting registration. Requests to register in the database will be public, thus allowing interested parties to weigh in on any given request. The Commission is also taking steps to ensure that incumbent services are protected from interference from the use of white spaces in various ways. In particular, today's Order reserves two vacant UHF channels for wireless microphones and other low power auxiliary service devices in all areas of the country. It also maintains a reasonable separation distance between TV White Space device and wireless microphone usage permitted to be registered in the database (fcc.gov)



INTERNATIONAL, INC.

Rick Thompson
Central Regional Manager

1770 Birchwood Avenue
Des Plaines, IL 60018-3006
Office: 847-795-9555 ext.21
Mobile: 847-942-7990
Fax: 847-795-8770
E-mail: rick.thompson@gepco.com
www.gepco.com



B. Benjamin Evans, P.E.
Partner

ben@evansassoc.com
www.evansassoc.com

210 South Main Street, Thiensville, WI 53092-1905
Telephone: (262) 242-6000 Fax: (262) 242-6045

CONSULTANTS IN COMMUNICATIONS TECHNOLOGY
ENERGY • WIRELESS • CELLULAR • BROADCAST • WANS

Panasonic
ideas for life

Panasonic Broadcast & Television Systems Company
Unit of Panasonic Corporation of North America

3910 Orleans Lane North
Plymouth, MN 55441
Tel: 763.545.0157
Fax: 763.542.6011

Johnsons@us.panasonic.com

Steve Johnson
District Sales Manager



Russ Prieve
Erection Manager/
Project Manager
Mobil: (608) 575-2888

PCS
Cellular
Erection
Two Way
Microwave

Phone 608-837-9050
Fax 608-825-9050

4587 Hwy. TT
Sun Prairie, Wisconsin 5359
www.wave-com.com



Joseph P. Kaufenberg
Account Manager
Broadcast & Production Systems Division

Sony Electronics Inc.
1422 138th Lane NW
Andover, Minnesota 55304
Telephone (763) 755-2501
Fax (763) 755-2495
Cellular (612) 237-3368
E-mail: joe.kaufenberg@am.sony.com



GREG BELL
VP Broadcast / General Manager
Direct 920-831-5655
Mobile 920-570-2162

1150
WHBY
105.7
WAPL
95.9
WKSZ
94.7
WZOR
1570
WSCO
104.3
WCHK

A Dynamic, Employee Owned Media Company
Good People - Real Solutions - Shared Results
P.O. Box 1519 • Appleton, WI 54912-1519
Fax 920-739-0494 • gbell@wcinet.com

CHAPTER 80 ELECTED AND APPOINTED OFFICERS 2010-2011


Chairman	Tim Laes	WGEE WIXX WNCY WROE	920-435-3771	tlaes@new.rr.com
Vice Chairman	Steve Konopka	WPNE TV/FM	920-336-3541	skonopka@ecb.org
Treasurer	Steve Brown	WHBY WAPL WKSZ WZOR	920-733-6639	sbrown@wcinet.com
Secretary	Keith Kintner	UWO	920-424-7357	kintner@uwosh.edu
Program Chairman	John Pfankuch	Heartland Video Systems	920-893-0204	jpgankuch@hvs-inc.com
Program Chairman	Bill Hubbard	UW Green Bay	920-465-2510	hubbardw@uwgb.edu
Membership Chairman	Al Kilgore	WRVM	920-842-2839	akilgore@wrvm.org
Sustaining Memberships	Greg Tadyshak	WBAY-TV	920-438-3258	gtadyshak@wbay.com
Frequency Coord. < 1 GHz	Tim Laes	WGEE WIXX WNCY WROE	920-435-3771	tlaes@new.rr.com
Frequency Coord. > 1 GHz	Joe Kamenick	KAMENTECH, LLC	715-359-7088	jckamenick@peoplepc.com
Newsletter Editor	Bill Tessman	Heartland Video Systems	920-893-4204	btessman@hvs-inc.com
Newsletter Editor	Dave Driessen	WGBA WACY	920-494-2626	ddriessen@nbc26.com
Certification Chairman	Jim Sams	UWGB	920-465-2572	samsj@uwgb.edu
Chapter 80 Webmaster	Jim Jensen	Retired	920-850-2633	jim@jbjensen.net
EAS Coordinator	Steve Konopka	WPNE TV/FM	920-336-3541	skonopka@ecb.org
Past Chairman	Keith Kintner	UWO	920-424-7357	kintner@uwosh.edu
Board of Dirs/SBE Liaison	Keith Kintner	UWO	920-424-7357	kintner@uwosh.edu

SBE to present FCC Self-Inspection Checklist Webinar The SBE will present a live webinar about the FCC Self-Inspection Checklist on Thursday, November 18 at 1:00 pm CST. Our presenter will be Dennis Baldrige, CPBE, AMD, 8-VSB, DRB, CBNT. He operates his own contract engineering firm, Baldrige Communications, LLC, based in the Madison, Wis. area. Dennis has been associated with the Alternative Inspection Program of the Wisconsin Broadcasters Association, as an inspector, for the past four years.

The cost for the webinar is \$39 for members of the SBE and \$55 for nonmembers. Registration may be made on-line at the SBE website. Completion of the SBE FCC Self-Inspection Checklist webinar qualifies the participant for SBE recertification credit. (sbe.org)

Helmet cam video of a climb to the top beacon of the 1700 foot tower.
<http://www.viddler.com/explore/yuemci/videos/12/>
 Then the controversy:
http://www.wirelessestimator.com/t_content.cfm?pagename=Tower%20Worker%20Video

The SBE Chapter 80 Newsletter is published monthly. Members are welcome to contribute articles or ideas. Please have your submissions in by the 4th of the month to Dave Driessen or Bill Tessman



Jim Pianowski
Sales Representative

ROSCOR CORPORATION
1061 Feehanville Drive
Mount Prospect, IL 60056
1-847-299-8080 x1343
1-800-843-3679
fax: 1-847-299-4206
jpianowski@roscor.com
www.roscor.com


ISO 9001:2000 CERTIFIED



STEVE BROWN, CPBE, CBNT
Director of Broadcast Engineering
Direct 920-831-5659
W9APL Amateur Call Sign

1150
WHBY
105.7
WAPL
95.9
WKSZ
94.7
WZOR
1570
WSCO
104.3
WCHK

A Dynamic, Employee Owned Media Company
Good People - Real Solutions - Shared Results
P.O. Box 1519 • Appleton, WI 54912-1519
Fax 920-739-0494 • sbrown@wcinet.com



Tony Primavera
Office: 920.617.7100
Fax: 920.617.7021
1046 Gray Ct.
Green Bay, WI 54303

www.stpaultower.com

WISCONSIN 2010 EAS SCHEDULE

DAY/DATE	TIME	COMMENT.....
W 4 Aug	2350	Routine Monthly Test initiated by WEM
R 12 Aug	1459	
M 16 Aug	1059	
T 24 Aug	1259	
W 1 Sep	0850	Routine Monthly Test initiated by NOAA
R 9 Sep	1059	
M 13 Sep	1459	
T 21 Sep	1259	
W 29 Sep	1059	
W 6 Oct	2350	Routine Monthly Test initiated by ECB
R 14 Oct	1059	
M 18 Oct	1459	
T 26 Oct	1259	
W 3 Nov	0850	Routine Monthly Test initiated by NOAA
R 11 Nov	1059	
M 15 Nov	1259	
T 23 Nov	1459	
W 1 Dec	2350	Routine Monthly Test initiated by WEM
R 9 Dec	1459	
M 13 Dec	1259	
T 21 Dec	1059	
W 29 Dec	1459	

CAP CLOCK STARTS On September 30th, the Federal Emergency Management Agency issued a release (<http://www.fema.gov/news/newsrelease.fema?id=52880>) announcing that they had adopted the new digital message format for the Integrated Public Alert and Warning System (IPAWS). The new system will allow emergency officials to reach people over a number of communications devices besides traditional broadcast radio and television stations, cable systems and NOAA Weather Radio. It will allow for alerts to be delivered to mobile phones, computers, and other communication devices. The new system will allow for more information to be distributed than what is possible under the current Emergency Alert System. The IPAWS system uses standards approved by OASIS (Organization for the Advancement of Structured Information Standards), a group that approves open standards for the global information society and the EAS-CAP Industry Group which is a coalition of Emergency Alert System equipment manufacturers and software and service providers. On May 10th, the EAS-CAP Industry group approved the CAP to EAS Implementation Guide

and on August 12th, OASIS approved the CAP Standards and the IPAWS specifications to CAP Standards. The documents, found at their respective websites, are OASIS CAP Standard v1.2 and IPAWS Specification to the CAP Standard (CAP v1.2 IPAWS USA Profile v1.0) at <http://www.oasisopen.org/home/index.php> and CAP to EAS Implementation Guide at <http://www.eas-cap.org>. A list of prescreen devices can be found at the Responders Knowledge Base (<https://www.rkb.us/>). FEMA had previously announced that broadcasters will be required to purchase IPAWS CAP compatible equipment within 180 days of FEMA announcing that they had adopted the standards. FEMA did not announce the deadline in their release nor did the FCC release anything on it as of October 1. Broadcasters will have until the end of March to purchase the equipment if in fact the start date is the same as the FEMA release date. (SBE Chapter 24)

Attend the 2010 SBE National Meeting in Madison, Wisconsin (updated October 13, 2010)

The 2010 National Meeting of the Society of Broadcast Engineers will be held on October 26-27 at the Marriott Madison West Hotel, 1313 John Q Hammons Drive in Middleton, Wis. The event will be hosted by Chapter 24 of Madison.

The National Meeting is being held in conjunction with the Wisconsin Broadcasters Clinic, held October 26-28, which is sponsored by the Wisconsin Broadcasters Association (WBA) and SBE Chapter 24.

The Clinic is one of the longest running broadcast engineering conferences in the United States. It includes technical papers and panel presentations over all three days and an equipment trade show on the first two days. Registration and more information may be made by going to the [WBA website](#) and clicking on "Broadcasters Clinic." Chapter 24, the WBA and SBE invite any and all SBE members and others interested in broadcast technology to attend.

All activities will be held at the Marriott Hotel. To make reservations, call (888) 745-2032. Due to high demand, the Marriott Hotel rooms might be booked. Alternate lodging is available at the Holiday Inn & Suites. The Wisconsin Broadcasters Association has a limited block of rooms reserved for attendees. To make reservations call (608) 826-0500 and ask for the special WBA rate of \$99.

The SBE National Meeting begins on Tuesday, October 26 (all times CDT) with a meeting of the SBE Certification Committee from 2:00 pm to 4:00 pm. The regular fall meeting of the SBE national Board of Directors will be held beginning at 6:00 pm and will run until about 10:00 pm, SBE members are welcome to attend.

National Meeting activities continue on Wednesday, October 27, with the annual SBE Fellows Breakfast from 8:00 am to 9:00 am, sponsored by [Kathrein Inc., Scala Division](#). All SBE Fellows are invited to attend and will be guests of the SBE. SBE National officers and the Chapter 24 chairman and convention chairman are also invited. A special invitation

will go to this group in late August. Reservations are required.

The Frequency Coordination Committee Meeting will be held from 9:00 am to 10:00 am. Local Frequency Coordinators are welcome to attend.

The SBE Annual Membership Meeting will be held from 4:00 pm to 5:00 pm, gold-level sponsored by [Nautel, Inc.](#) The meeting will include the induction of newly elected members of the Board and officers, the introduction of the SBE Membership Drive Grand Prize winner, John Ramsey of Hartford, Conn. and several brief reports and updates on national SBE activities. With the assistance of Chapter 24, the SBE Annual Membership Meeting will be streamed live via the Internet on the SBE website.

At 5:00 pm, the SBE National Reception, sponsored by [Harris Corporation, Broadcast Communications Division](#), will be held in the hotel's beautiful atrium and will include cocktails, hors d'oeuvres and live music by the band "Sticks and Boines".

The reception will be followed at 6:00 pm by the SBE National Awards Dinner, sponsored by [Vislink News & Entertainment](#) and [The Durst Organization](#), from 6:00 pm to 8:45 pm. The dinner program will include special guest [Dr. Barry Orton](#), Professor of Telecommunications, University of Wisconsin - Madison, who will be speaking on the broadband plan and its affect on broadcasting in the future.

The SBE Awards Dinner will also include the presentation of the SBE Broadcast Engineer of the Year Award to John Luff and the SBE Educator of the Year Award to Charles "Buc" Fitch, P.E., CPBE, AMD. Two members will be recognized with the highest membership rank awarded by the SBE, the SBE Fellow: Sterling Davis, Vice President of Engineering, Cox Media Group in Atlanta, Ga. and Robert Locke, CPBE, CBNT, Chief Engineer for KPTS-TV in Maize, Kan. Chapters and individual members will also be recognized during the dinner for best technical article, best chapter newsletter, website, regional conference, most certified

chapter and chapters with the greatest percentage growth and highest average member attendance at chapter meetings.

Tickets for the reception and dinner are just \$15. You can [order tickets online](#) - scroll down to "SBE National Meeting." Tickets may also be ordered by calling the SBE National Office at (317) 846-9000. (sbe.org)

STATEMENT BY FCC COMMISSIONER MIGNON L. CLYBURN ON THE ENACTMENT OF THE EQUAL ACCESS TO 21ST CENTURY COMMUNICATIONS ACT

Today, I was very pleased to witness President Obama sign The Equal Access to 21st Century Communications Act. This law will substantially advance an important principle that Congress wove into the fabric of communications policy years ago: That individuals living with disabilities should be able to use the same communications services that are available to all other Americans. This legislation is a strong step toward that reality.

The Americans with Disabilities Act and the Hearing Aid Compatibility Act served to provide people with disabilities access to voice telephony services, but our rapid technological advances demand regulatory adaptation. Today, due to tremendous innovation and investment, Americans are seeking much more than just voice service from their mobile handsets. As this Act recognizes, consumers now expect access to video programming on their mobile phones, net books and other portable devices, and access to VoIP telephone service on their computers. This Act will give the Commission greater statutory authority to adopt rules that will offer people living with disabilities greater access to video programming, and the most advanced voice and data services on the market, irrespective of the communications platform being used to deliver those services. It also gives the Commission authority to reinstate its video description rules and to take measures to ensure people with disabilities have the information they need during times of emergency.

I was also pleased to see that the Act directs the Commission to provide relay service

support for the distribution of customer premises equipment to make telecommunications and related services accessible by individuals who are deaf and blind. This is truly landmark legislation on behalf of the deaf and blind community with regard to access to communications services. (fcc.gov)

SBE Annual Membership Meeting to be streamed live

Can't be in Madison, Wisconsin for the SBE National Meeting later this month? Watch the live

streaming of the SBE Annual Membership Meeting from the comfort of your own home or office. The Annual Membership Meeting of



the Society of Broadcast Engineers will be held at 5:00 pm EDT (2:00 pm PDT) on Wednesday, October 27, and will be streamed live so members across the country may view it. The one hour meeting will include brief reports from the national secretary, treasurer and president and updates on the Society's activities. The meeting will conclude with the induction of the newly elected directors and officers who will serve for the following 12 months.

Last year the 2009 National Membership Meeting streamed live from Verona, NY

The Annual Membership Meeting is part of the SBE National Meeting, being held October 26-27th in conjunction with the Wisconsin Broadcasters Clinic in Madison. The "Clinic" is sponsored by SBE Chapter 24 and the Wisconsin Broadcasters Association. Attendees at the Clinic will provide a live audience for the Membership Meeting.

To view the meeting, go to the [SBE website](#) and click on the "SBE Annual Membership Meeting" icon on the home page, which will be posted by October 15. The meeting will also be archived on the SBE website for later viewing. (sbe.org)